

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 11-243424

(43)Date of publication of application : 07.09.1999

(51)Int.Cl.

H04L 12/66

G06F 13/00

H04L 12/46

H04L 12/28

H04L 12/24

H04L 12/26

H04L 29/14

(21)Application number : 10-043352

(71)Applicant : NEC CORP

(22)Date of filing : 25.02.1998

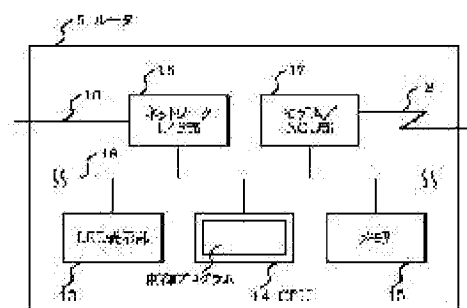
(72)Inventor : KITANO KEIICHI

(54) AUTOMATIC ELECTRONIC MAIL TRANSMISSION ROUTER FOR FAULT OCCURRENCE

(57)Abstract:

PROBLEM TO BE SOLVED: To inform a manager of fault occurrence and its detailed condition by an electronic mail when the fault occurs to a router constituting a network.

SOLUTION: This router consists of a memory 15 for recording fault information in the router 5, log information and statistic information, a CPU 14 equipped with a control means that diagnoses a fault in the router 5 and performs fault notification, an LED display part 13 for flickering or turning on an alarm LED outside of a device at the time of fault occurrence and notifying outside of the fault occurrence, a network I/F part 16 for connecting to a switching hub for switching a network user terminal, a modem/NCU part 17 which is connected to a telephone line or a public line, and a bus for connecting the modem/NCU part 17, the network I/F part 16, the LED display part 13, the CPU 14 and the memory 15. Thus, fault confirmation inside of the router is made quickly by a self-diagnosis function, efficiency of a fault restoration work is improved, and load on a manager is reduced.



LEGAL STATUS

[Date of request for examination] 25.02.1998

[Date of sending the examiner's decision of rejection] 24.04.2001

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]